

NPIC/R-925/64

October 1964

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TCS-8477/64

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PHOTOGRAPHIC INTERPRETATION REPORT

OAK
MISSION 1012-2
21-22 OCTOBER 1964



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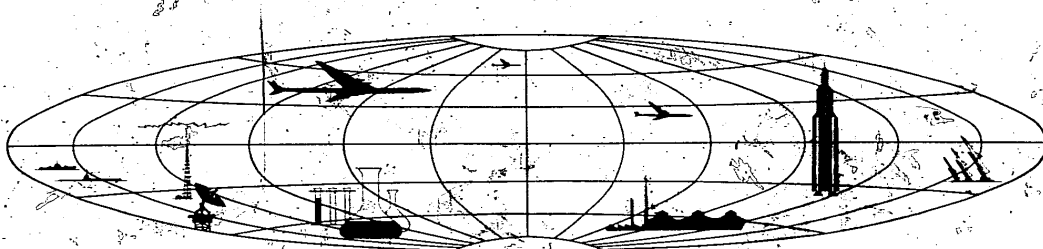
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APPENDIX

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OAK MISSION 1012-2

PREFACE

THIS IS THE FIRST AND ONLY OAK REPORT ON THIS MISSION AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMI-DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA, CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

1. ICBM COMPLEXES

COVERAGE OF THE 24 KNOWN DEPLOYED ICBM COMPLEXES AND TYURATAM MTC IS AS FOLLOWS --

A. CLEAR PHOTOGRAPHY -- ZHANGIZ-JOBE.

B. COVERED BUT PI HINDERED BY SCATTERED CLOUDS AND HAZE -- PLESETSK.

C. IDENTIFICATION ONLY -- GLADKAYA.

D. CLOUD COVERED OR NOT COVERED -- ALEYSK, DOMBAROVSKIY, DROVYANAYA, IMENI GASTELLO, ITATKA, KARTALY, KOSTROMA, KOZELSK, NOVOSIBIRSK, OLOYANNAYA, OMSK, PERM, SHADRINSK, SVOBODNY, TEYKOVO, TYUMEN, UZHUR, VERKHNYAYA SALDA, YEDROVO, YOSHKAR-OLA, YURYA, AND TYURATAM MTC.

2. AMM/SAM ACTIVITY

THE TALLINN AMM/SAM LAUNCH COMPLEX IS CLOUD COVERED. THE PROBABLE AMM ACTIVITY AT LENINGRAD AND THE SUSPECT AMM ACTIVITY AT MOSCOW, ANGARSK, OLENEGORSK AND CHEREPOVETS ARE NOT COVERED.

3. SHUANG-CHENG-TZU MISSILE TEST CENTER [REDACTED]

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AN EXERCISE OBSERVED AT LAUNCH SITE A-1 CONSISTS OF SUPPORT VEHICLES/EQUIPMENT POSITIONED GENERALLY SIMILAR TO THAT OBSERVED DURING SS-4 EXERCISES AT LAUNCH COMPLEX A AND LAUNCH AREA 3C, KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR. VEHICLES/EQUIPMENT ARE ALSO PRESENT AT LAUNCH SITE A-2. AT LEAST 25 AIRCRAFT (INCLUDING 22 SWEEP-WING FIGHTERS AND 2 STRAIGHT-WING TRANSPORTS) ARE PRESENT AT THE AIRFIELD.

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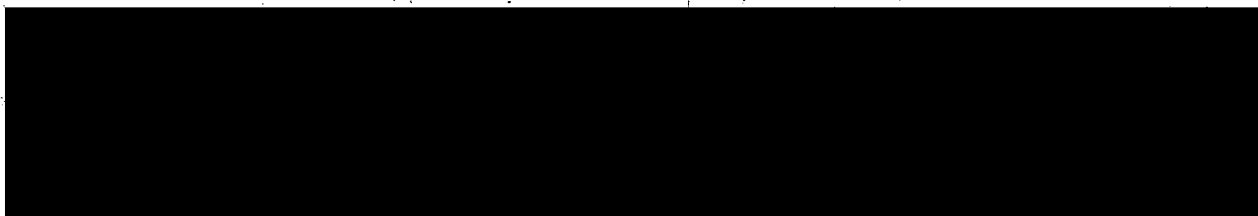
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25X1A

4. KUYBYSHEV AIRFRAME PLANT STALIN 1 [REDACTED]

A BUILDING, SIMILAR IN CONFIGURATION AND HEIGHT TO ONE AT THE MOSCOW GUIDED MISSILE PLANT AND EXPERIMENTAL STATION KALININGRAD 88, NOW HAS A HIGH-BAY SECTION ESTIMATED TO BE 115 FEET TALL.

25X2



STATUS OF COMOR TARGET READOUT

FORTY COMOR TARGETS WERE OBSERVED IN THE OAK REPORTING PERIOD AND ARE COVERED IN THIS OAK AND ARE LISTED IN THE INDEX AT THE CONCLUSION OF THIS REPORT.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

TABLE 1 -- SOVIET ICBM DEPLOYMENT

TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT

TABLE 3 -- SAM AND AMM DEPLOYMENT

TABLE 5 -- AIRCRAFT ACTIVITY

TABLE 6 -- SUBMARINE ACTIVITY

TABLE 7 -- DATE AND TIME OF PHOTOGRAPHIC PASSES

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Table 1. Soviet ICBM Deployment

Complex	Launch Area														Total Soft Sites	Total Hard Sites	Total Launch Positions	Last Effective Coverage
	A	B	C	D	E	F	G	H	I	J	K	L	M	N				
Aleysk	M	M	M	M	M	M									6	6		
Donbasskiy	M	M	M	M	E										5	5		
Dvoryanaya	C	C	C	C	L	L									3	3	15	
Gulskaya	C	C		M	E										2	2	10	
Imeni Gaspello	M	M	M	M	M										5	5		
Itaka	C	C	C												3		6	
Kurtaly	E	E	E												3 (1†)	3 (1†)		
Kostroma	C	C	C	C	C	C	C	M							6	2	18	
Kozelsk	C	C		C	C	C									3	2	12	
Novosibirsk	C	C	L	C	C										3	2	12	
Olovyannaya	C	L	L	M											9		15	
Omsk	C														1		3	
Porm	C	C	C		C	L									5	1	13	
Plesetsk*	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙							10***	1	19	
Shadrinsk	C	C	L													3	9	
Svobodnyy	C	C	C	C	C	C	L	C							7	1	17	
Teykovo	C	C	C	C	C	C									6		12	
Tyumen	C		C												2		4	
Uzhar	M	M	M	M	M	E									6	6		
Verkhaya Saida	C	C	C	C	C	C	C	C	C						7	2	20	
Yelovo	C	C	C	C	C	C	C		C						6	2	18	
Yoshkar-Ola	C	C	C	C	C	C									6		12	
Yurya	C	C	C	C	C	C	C	C	C	C	L				8	3	25	
Zhangiz-Toho	⊙	⊙	⊙	⊙	⊙										5		5	
Construction Status (C=complete, L=late, M=mid, E=early)															Deployment Total		270 (1†)	
															Grand Total		70 (1†)	205 (1†)
Tyuratam MTC	C	C	C	L	C	C	M	C	M	M	M				10	9	25	
															Grand Total		87	70 (1†)

*Includes Launch Points I-IV, complete

**Carried as Launch Group

***Total does not include two SSN units at Launch Area F

Includes 41 single silos (6-Aleysk, 5-Donbasskiy, 5-Imeni Gaspello, 3-Kurtaly, 6-Olovyannaya, 8-Tyuratam MTC, 6-Uzhar, 5-Zhangiz-Toho)

† Possible

□ Newly identified

○ Covered by current mission

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Table 2. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	121	11	18	11	161	633
Caucasus	3		2	3	8	29
Central Asia	2	4	1	5	12	43
Far Eastern	11	1		2	14	54
Totals	137	16	21	21	195	759

Totals do not include 66 fixed field-type sites with total of 237 clearings and one launch facility at Sovetskaya Gavan.

25X6 25X6

Table 3. SAM and AMM Deployment

	Country															
	USSR	Albania	Bulgaria	Czechoslovakia	Hungary	Poland	Romania	Yugo-Slavia	China	North Korea	Indonesia	Egypt	Cuba	India	Totals	
SA-0	13														13	
SA-1	56														56	
SA-2	94*	1	19	22	47	16	30	18	3	11	2	4	13*	24**	1157	
SA-3	102					1									103	
SAM support facilities	187	1	4	5	4	3	6	2	1	1	3	6			223	
Probable AMM complexes	3														3	
AMM/SAM complexes	2***														2	

*Does not include 8 alternate sites. (4 in USSR and 4 in Egypt)

**Does not include 22 abandoned sites.

***Includes 1 suspect complex.

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		Table 2. AIRCRAFT ACTIVITY														Observed this Mission											
Airfield	Last Effectiveness Coverage	Previous Significant Aircraft Count																									
		BLIND	BEAR	BADGER	BLINDER	BOYDOR	MAVRIKAS	CULLON	FOOLER	FIMBLED	FOOPOT	FOOPOT	FOOPOT	FOOPOT	TOTALS	BLIND	BEAR	BADGER	BLINDER	BOYDOR	MAVRIKAS	CULLON	FOOLER	FIMBLED	FOOPOT	FOOPOT	TOTALS
Aktubinsk-Vladimirovka									21					31													
Belaya														57													
Alk-syevska														51													
Anisova Gorodishche														38													
Arkhangelsk-Kholm*																											
Artem North														45													
Baranovichi*														23													
Borysta NW														5													
Belaya-Tsvetkov														63													
Belaya-k*														51													34
Chernykh-Gorodishche														10													
Bykhov*														45													56
Cherpoleska*														39													
Dolon*														42													34
Donskoy-Lake														14													
Engel*														34													
Gomel-Prabytki														52													45
Kalining*														43													
Kaliningrad-Proseron														47													
Komsomol'sk Pli 126														20													
Kuzan A C Pli 22														27													
Mal-Yavr														9													
Molotopol														2													
Minsk-Machulishche*																											
Mingorod														33													34
Moscow-Ramenskoye														36													
Mozdok*																											
Nerzhin														28													23
Nikolayev-Kalbakovo														31													
Oktyabr'skoye														1													
Olonogorsk														10													
Orsha-Southwest*														35													35
Ostrov-Gorodishche*														30													26
Petrovskoye-Yelozovo														3													
Poltava*														53													54
Prebki*														5													27
Romanovka-West														24													
Ryazan-Dyngulovo														43													
Saki														27													
Sarabuz														18													
Severomorsk														2													
Stalino*														22													
Soltys*														27													
Spasck-Dubny-East														11													
Strya*														30													
Tarta														24													
Ukraina*														34													
Ukrayinsk-Vozluzhnyka*														56													
Zhitomir-Skarnovskhi*														2													
TOTALS														1590													378

1 POSSIBLE 2 PROBABLE **BADGER CAMEL ***PUS 4 BADGER CAMEL COOPOT B C BEAR CLEAT

25X9

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Table 6. Submarine Activity.

Base	Last Effective Coverage	Previous Submarine Count										Observed This Mission									
		SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus	SSBN, Belarus
Balaklava																					
Dunay																					
Gorkiy																					
Khranstadt																					
Komsomolsk																					
Leningrad																					
Litopaya																					
Lit-a Bay																					
Magadan																					
Olonya Guba																					
Pechenga																					
Putipavlovsk																					
Kamchatkiy																					
Petrovka																					
Polyarnyy																					
Bliga																					
Rosta																					
Sayda Guba																					
Svetlogol																					
Prokhorovsk																					
Severomorsk																					
Svet-skaya																					
Gavan																					
Strelak Strait																					
Ura Guba																					
Vladimir																					
Vladivostok																					
Yokanga																					
Paldski																					
TOTALS																					

E-1 Class † POSSIBLE † PROBABLE SC NOT COVERED CC CLOUD COVERED ID IDENTIFICATION ONLY

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Prokhorovsk -- 31 U/188

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Missiles

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25X1A

MISSILES

PLESETSK ICBM COMPLEX UR 6256N 04039E

ENTIRE COMPLEX COVERED BY POOR-QUALITY PHOTOGRAPHY. HAZE PRECLUDES DETAILED INTERPRETATION BUT NO SIGNIFICANT CHANGES SINCE MISSION [REDACTED] CAN BE OBSERVED AT THE COMPLEX SUPPORT FACILITY, THE ADMINISTRATION/HOUSING AREA, THE AREA OF CONSTRUCTION EAST OF THE ADMINISTRATION/HOUSING AREA, OR LAUNCH AREAS G (SITE 9) AND H (SITE 10).

25X1D

LAUNCH POINTS I-IV (SITES 1-3) AND LAUNCH AREAS A-F (SITES 4-8) ARE IDENTIFICATION ONLY.

NO ABM ACTIVITY OBSERVED IN CLEAR PORTIONS OF THE WESTERN HALF OF SEARCH AREA, WHICH IS 30 PERCENT CLOUD COVERED. EAST HALF OF SEARCH AREA NOT COVERED.

25X1D

25X1A

SUROVATIKHA SUSPECT SSM AREA UR 5545N 04356E

NO SSM OR RELATED ACTIVITY OBSERVED WITHIN 50-NM
RADIUS SEARCH AREA, WHICH IS 75 PERCENT CLOUD COVERED.

25X1D

GLADKAYA ICBM COMPLEX UR 5605N 09213E

THE COMPLEX SUPPORT FACILITY CAN BE IDENTIFIED, BUT THE REMAINDER OF THE COMPLEX IS COMPLETELY CLOUD COVERED.

NO ABM ACTIVITY OBSERVED WITHIN 50-NM RADIUS SEARCH AREA, WHICH IS 95 PERCENT CLOUD COVERED.

25X1D

NERCHINSK SUSPECT SSM AREA UR 5158N 11635E

NO SSM ACTIVITY OBSERVED WITHIN 50-NM RADIUS
SEARCH AREA.

25X1A

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25X1D

25X1A

ZHANGIZ-TOBE ICBM COMPLEX UR 4912N 08110E

COMPLEX COVERED BY CLEAR, SMALL-SCALE OBLIQUE PHOTOGRAPHY. NO SIGNIFICANT CHANGE IN LAUNCH AREAS A (SITE 1), B (SITE 2), C (SITE 3), D (SITE 4), AND THE COMPLEX SUPPORT FACILITY. LAUNCH AREA E (SITE 5) IS IN A MID-STAGE OF CONSTRUCTION AND A SILO IS VISIBLE UNDER CONSTRUCTION IN THE U-SHAPED EXCAVATION. NO ABM OR ADDITIONAL SSM ACTIVITY IDENTIFIED WITHIN THE WESTERN HALF OF THE 50-NM RADIUS SEARCH AREA. EASTERN HALF OF THE SEARCH AREA IS NOT COVERED.

25X1D

MAZANKA MRBM LAUNCH SITE UR 4454N 03420E

25X9

25X1A

25X1D

AKHTYRKA MRBM LAUNCH SITE 1 UR 5015N 03450E

NO NEW HARDENED SSM ACTIVITY OBSERVED WITHIN WESTERN HALF OF 25-NM RADIUS SEARCH AREA. EASTERN HALF NOT COVERED.

25X1D

LEJASCIEMS MRBM LAUNCH SITE 2 UR 5713N 02633E

COMPLETE TYPE IV MRBM LAUNCH SITE. NO CHANGE IN EXISTING FACILITIES SINCE MISSION

25X1D

25X1D

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25X1A

[REDACTED] TYURATAM MTR-KAMCHATKA IMP INSTM SITE A UR 5756N 16201E
TRACKING STATION IS CLOUD COVERED.
NO FACILITIES OBSERVED IN CLOUD-FREE PORTIONS OF
SEARCH AREA.

25X1D

[REDACTED] SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E

THE ONLY FACILITY COVERED AT THE TEST CENTER IS
SITE 13. THE SOUTHERN DUAL HEN HOUSE-TYPE STRUCTURE,
THE BUILDING TRIAD, AND THE SOUTHERN SUPPORT AREA ARE
THE ONLY COMPONENTS OF THE SITE DISCERNIBLE THROUGH
CLOUDS AND HAZE. FACILITIES AT THE SOUTHERN SUPPORT
AREA REMAIN UNCHANGED SINCE MISSION [REDACTED]
THE BUILDING TRIAD CAN BE IDENTIFIED BUT NOT
INTERPRETED. ALTHOUGH SOME WORK APPEARS TO HAVE BEEN
ACCOMPLISHED ON BOTH LINEAR EXCAVATIONS OF THE
SOUTHERN DUAL HEN HOUSE-TYPE STRUCTURE SINCE
[REDACTED] DETAILS ARE NOT DISCERNIBLE
BECAUSE OF HEAVY HAZE AND NON-STEREO COVERAGE.

25X1D

25X1D

25X1D

25X1A

[REDACTED] MAKAT FIELD LAUNCH POINT (MRBM) UR 4758N 05342E
NO APPARENT CHANGE SINCE MISSION [REDACTED]
POOR IMAGE QUALITY PHOTOGRAPHY PREVENTS DETAILED
INTERPRETATION.

25X1D

25X1D

[REDACTED] SHUANG-CHENG-TZU MISSILE TEST CENTER CH 4107N 10020E

THE SHUANG-CHENG-TZU MISSILE TEST CENTER IS
PARTIALLY CLOUD COVERED.

SSM LAUNCH COMPLEX A (SITE 1) IS THE MOST ACTIVE,

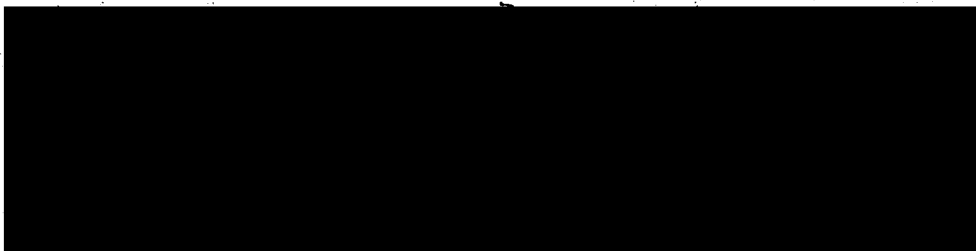
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25X1B



THERE ARE ALSO VEHICLES/PIECES OF EQUIPMENT IN THE SSM HOUSING AND SUPPORT AREA, AND THE ADJACENT METEOROLOGICAL SITE 1. SEVEN VEHICLES/PIECES OF EQUIPMENT ARE LOCATED AT 2 POSITIONS EAST OF POSSIBLE INSTRUMENTATION SITE 13.

SAM LAUNCH COMPLEX -- THERE ARE APPROXIMATELY 6 PIECES OF EQUIPMENT IN THE CENTRAL GUIDANCE POSITION AT LAUNCH SITE A AND 2 LAUNCH POSITIONS ARE OCCUPIED. APPROXIMATELY 5 VEHICLES/PIECES OF EQUIPMENT ARE PRESENT IN THE HOLD REVENEMENT.

AT LAUNCH SITE B, BOTH OF THE POSITIONS WITH LARGE REVENEMENTS APPEAR TO HAVE A SMALL PIECE OF EQUIPMENT IN THE CENTER.

AT LEAST 25 AIRCRAFT ARE PRESENT AT SHUANG-CHENG-TZU AIRFIELD, INCLUDING 22 SWEEP-WING FIGHTERS, 2 STRAIGHT-WING TRANSPORTS AND ONE POSSIBLE STRAIGHT-WING LIASION TYPE.

NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D
IN THE OTHER PORTIONS OF THE MISSILE TEST CENTER.

(ATTACHMENT 1)



25X1D

25X1A

[REDACTED] HAMMAGUIR MISSILE TEST AREA AG 3050N 00305W

NO NEW DETAILS OR CHANGES OBSERVED SINCE MISSION
[REDACTED]

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NO ACTIVITY OBSERVED.

HAZE AND POOR IMAGE QUALITY PRECLUDE DETAILED
INTERPRETATION.

25X1A

25X1D

DNEPROPETROVSK MISSILE DEVELOP PROD CTR UR 4826N 03459E

25X1D

THE NORTH PRODUCTION AREA SHOWS NO CHANGE SINCE
MISSION

BUILDING 2, WHICH HAS BEEN UNDER CONSTRUCTION FOR
2 YEARS, IN THE SOUTH PRODUCTION AREA APPEARS
COMPLETE.

NO NEW CONSTRUCTION OBSERVED IN THE TEST AREA.
A GROUND SCAR JUST SOUTH OF BUILDING 20 MAY POSSIBLY
BE A BLAST MARK.

25X1A

25X1D

KUYBYSHEV AIRFRAME PLANT STALIN I UR 5313N 05018E

25X1D

THE HIGH BUILDING REPORTED ON MISSION
IS NOW IN A LATE STAGE OF CONSTRUCTION. ITS HIGH-BAY
SECTION IS NOW ESTIMATED TO BE 115 FEET HIGH.
THIS BUILDING IS SIMILAR TO THE HIGH-BAY BUILDING AT
THE MOSCOW GUIDED MISSILE PLANT AND EXPERIMENTAL
STATION KALININGRAD 88.

NO OTHER CHANGES OR ITEMS OF SIGNIFICANCE OBSERVED.

(ATTACHMENT 2)

25X1A

25X1D

ROMNY SUSPECT SSM AREA UR 5044N 03328E

NO SSM-RELATED ACTIVITY WITHIN A 50-NM RADIUS OF
ROMNY. THE AREA OF CONSTRUCTION REPORTED IN MISSION
DOES NOT APPEAR TO BE ICBM ASSOCIATED.

25X1D

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Control System Only

MISSION 1012-2, 21-22 OCTOBER 1964

TCS-8477/64
NPIC/R-925/64

25X1A

25X1D

KUZNETSK SUSPECT SSM AREA UR 5307N 04636E

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF
50-NM RADIUS SEARCH AREA.

25X1D

URALSK SUSPECT SSM AREA UR 5114N 05122E

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF
50-NM RADIUS SEARCH AREA, WHICH IS 95 PERCENT CLOUD
COVERED.

25X1D

KOSISTYY SUSPECT ABM RADAR UR 7337N 10945E

AREA BARELY DISCERNIBLE THROUGH DARKNESS.

25X1D

BONUS

PORONAYSK PROB SAM SUPPORT FACILITY UR 4916N 14255E

NEWLY IDENTIFIED PROBABLE SAM SUPPORT FACILITY, TYPE
UNDETERMINED, LOCATED 7.7 NM WNW OF PORONAYSK.

25X1D

**Air
Facilities**

TOP SECRET CHESS RUFF

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25X1A

AIR FACILITIES

[REDACTED] DOLON AIRFIELD UR 5032N 07912E

25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED]

AIRCRAFT -- 36 PROBABLE BEAR, 2 PROBABLE BEAR/BISON,
2 MEDIUM STRAIGHT-WING, AND ONE LIGHT STRAIGHT-WING.

25X1D

25X1A

[REDACTED] BYKHOV AIRFIELD UR 5331N 03012E

25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED]

AIRCRAFT -- 56 BADGER.

25X1A

25X1D

[REDACTED] PRILUKI AIRFIELD UR 5034N 03219E

25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED]

AIRCRAFT -- 25 BADGER ON MAIN PARKING APRON, 2 BADGER
ON HARDSTAND AT NORTH END OF FIELD, AND 6 BEAGLE AND

25X9

25X1D

25X1A

[REDACTED] POLTAVA AIRFIELD UR 4937N 03430E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED]

25X1D

AIRCRAFT -- 54 BADGER, 2 MEDIUM STRAIGHT-WING, AND
ONE LIGHT STRAIGHT-WING.

25X1D

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25X1A

[REDACTED] ORSHA AIRFIELD SOUTHWEST UR 5426N 03018E

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D

AIRCRAFT -- 35 BADGER.

25X1D

25X1A

[REDACTED] NEZHIN AIRFIELD UR 5105N 03152E

AIRCRAFT -- 23 BADGER ON HARDSTANDS ALONG LOOP TAXIWAY.

25X1D

25X1A

[REDACTED] GOMEL/PRIBYTKI AIRFIELD UR 5218N 03110E

AIRCRAFT -- 13 BLINDER AND ONE BADGER ON MAIN PARKING APRON, 5 BLINDER ON HARDSTANDS EAST OF MAIN PARKING APRON, 3 BLINDER IN MAINTENANCE AREA, 14 BLINDER ON HARDSTANDS WEST OF MAIN PARKING APRON, 8 BADGER AND ONE BLINDER ON HARDSTANDS SOUTH OF WNW END OF RUNWAY, AND A MEDIUM STRAIGHT-WING ON GRASS BETWEEN HARDSTANDS SOUTH OF RUNWAY.

25X1A

[REDACTED] BOBRUYSK AIRFIELD UR 5306N 02912E

25X1D

CONSTRUCTION ACTIVITY NE OF EAST END OF RUNWAY CONTINUES.

AIRCRAFT -- 35 BADGER ON HARDSTANDS ALONG LOOP TAXIWAY, 3 BADGER AND ONE MEDIUM STRAIGHT-WING IN MAINTENANCE AREA, AND ONE MEDIUM STRAIGHT-WING AND 2 POSSIBLE LIGHT STRAIGHT-WING ON GRASS AT EAST END OF FIELD.

25X1D

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MELITOPOL AIRFIELD UR 4653N 03518E

25X1A

AIRCRAFT -- 40 MEDIUM STRAIGHT-WING ON HARDSTANDS
ALONG MAIN PARKING APRON.

25X1D

MIRGOROD AIRFIELD UR 4956N 03339E

AIRCRAFT -- 34 BADGER AND ONE LIGHT STRAIGHT-WING
ON HARDSTANDS NORTH OF RUNWAY, ONE MEDIUM STRAIGHT-
WING ON GRASS AND ONE MEDIUM STRAIGHT-WING ON WEST
TAXIWAY TO MAIN RUNWAY.

25X1A

25X1D

OSTROV/GOROKHOVKA AIRFIELD UR 5718N 02826E

NO APPARENT CHANGE SINCE MISSION

25X1D

AIRCRAFT -- 26 BADGER AND ONE LIGHT STRAIGHT-WING ON
HARDSTANDS ALONG LOOP TAXIWAY.

25X1D

KUYBYSHEV AIRFRAME PLANT LENIN 18 UR 5313N 05019E

NO NEW CONSTRUCTION NOTED SINCE MISSION

25X1D

AIRCRAFT -- 8 PROBABLE BEAR, ONE PROBABLE CLEAT, ONE
PROBABLE BADGER/CAMEL, ONE POSSIBLE BADGER/CAMEL,
5 LIGHT STRAIGHT-WING, ONE POSSIBLE LIGHT STRAIGHT-
WING, 3 POSSIBLE SMALL STRAIGHT-WING.

25X1D

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**Naval
Activity /
Ports**

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TOP SECRET CHESS RUFF

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25X1A

NAVAL ACTIVITY/PORTS

FEODOSIYA NAVAL BASE AND SHIP RPR YARD UR 4501N 03524E

VESSELS -- 3 PROBABLE UNIDENTIFIED SUBMARINES.

NO MISSILE FACILITIES OBSERVED.

25X1D

KERCH NVL BASE & SHPYD KAMYSH BURUN 532 UR 4516N 03625E

VESSELS -- 3 OCEAN-GOING MERCHANT VESSELS UNDER
CONSTRUCTION ON WAYS, AND NUMEROUS SMALL CRAFT ALONG
WHARVES.

NO APPARENT CHANGE IN FACILITIES SINCE MISSION

25X1D

25X1D

**Other
Activity**

25X1D

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TOP SECRET CHESS RUFF

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INDEX OF COMOR TARGETS

THIS SECTION CONTAINS A COMPOSITE LIST BY TARGET
NUMBER OF ALL COMOR TARGETS OBSERVED DURING THE SCAN
OF MISSION 1012-2.

COMOR	INSTALLATION NAME	CTY	COORDINATES	OAK
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	SUROVATIKHA SUSPECT SSM AREA	UR	5545N 04356E	I
	GLADKAYA ICBM COMPLEX	UR	5605N 09213E	I
	NERCHINSK SUSPECT SSM AREA	UR	5158N 11635E	I
	ZHANGIZ-TOBE ICBM COMPLEX	UR	4912N 08110E	I
	MAZANKA MRBM LAUNCH SITE	UR	4454N 03420E	I
	AKHTYRKA MRBM LAUNCH SITE 1	UR	5015N 03450E	I
	LEJASCIEMS MRBM LAUNCH SITE 2	UR	5713N 02633E	I
	TYURATAM MTR-KAMCHATKA IMP INSTM SITE A	UR	5756N 16201E	I
	SARY-SHAGAN ANTIMISSILE TEST CENTER	UR	4602N 07334E	I
	MAKAT FIELD LAUNCH POINT (MRBM)	UR	4758N 05342E	I
	SHUANG-CHENG-TZU MISSILE TEST CENTER	CH	4107N 10020E	I
	HAMMAGUIR MISSILE TEST AREA	AG	3050N 00305W	I
	DNEPROPETROVSK MISSILE DEVELOP PROD CTR	UR	4826N 03459E	I
	KUYBYSHEV AIRFRAME PLANT STALIN I	UR	5313N 05018E	I
	ROMNY SUSPECT SSM AREA	UR	5044N 03328E	I
	KUZNETSK SUSPECT SSM AREA	UR	5307N 04636E	I
	URALSK SUSPECT SSM AREA	UR	5114N 05122E	I
	KOSISTYY SUSPECT ABM RADAR	UR	7337N 10945E	I
	DOLON AIRFIELD	UR	5032N 07912E	I
	BYKHOV AIRFIELD	UR	5331N 03012E	I
	PRILUKI AIRFIELD	UR	5034N 03219E	I
	POLTAVA AIRFIELD	UR	4937N 03430E	I
	ORSHA AIRFIELD SOUTHWEST	UR	5426N 03018E	I
	NEZHIN AIRFIELD	UR	5105N 03152E	I
	GOMEL/PRIBYTKI AIRFIELD	UR	5218N 03110E	I
	BOBRUYSK AIRFIELD	UR	5306N 02912E	I
	MELITOPOL AIRFIELD	UR	4653N 03518E	I
	MIRGOROD AIRFIELD	UR	4956N 03339E	I
	OSTROV/GOROKHOVKA AIRFIELD	UR	5718N 02826E	I
	KUYBYSHEV AIRFRAME PLANT LENIN 18	UR	5313N 05019E	I

	KERCH/BAGEROVO AIRFIELD	UR	4524N 03616E	I
	FEODOSIYA NAVAL BASE AND SHIP RPR YARD	UR	4501N 03524E	I
	KERCH NVL BASE & SHPYD KAMYSH BURUN 532	UR	4516N 03625E	I
	BULYZHINO SENSITIVE OPERATIONS COMPLEX	UR	5615N 02819E	I

25X1A

25X1B

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25X1D

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Attachments

TOP SECRET CHESS RUFF

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ATTACHMENT 1



SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA

NPIC J-4988 (10/64)

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TOP SECRET CHESS RUFF

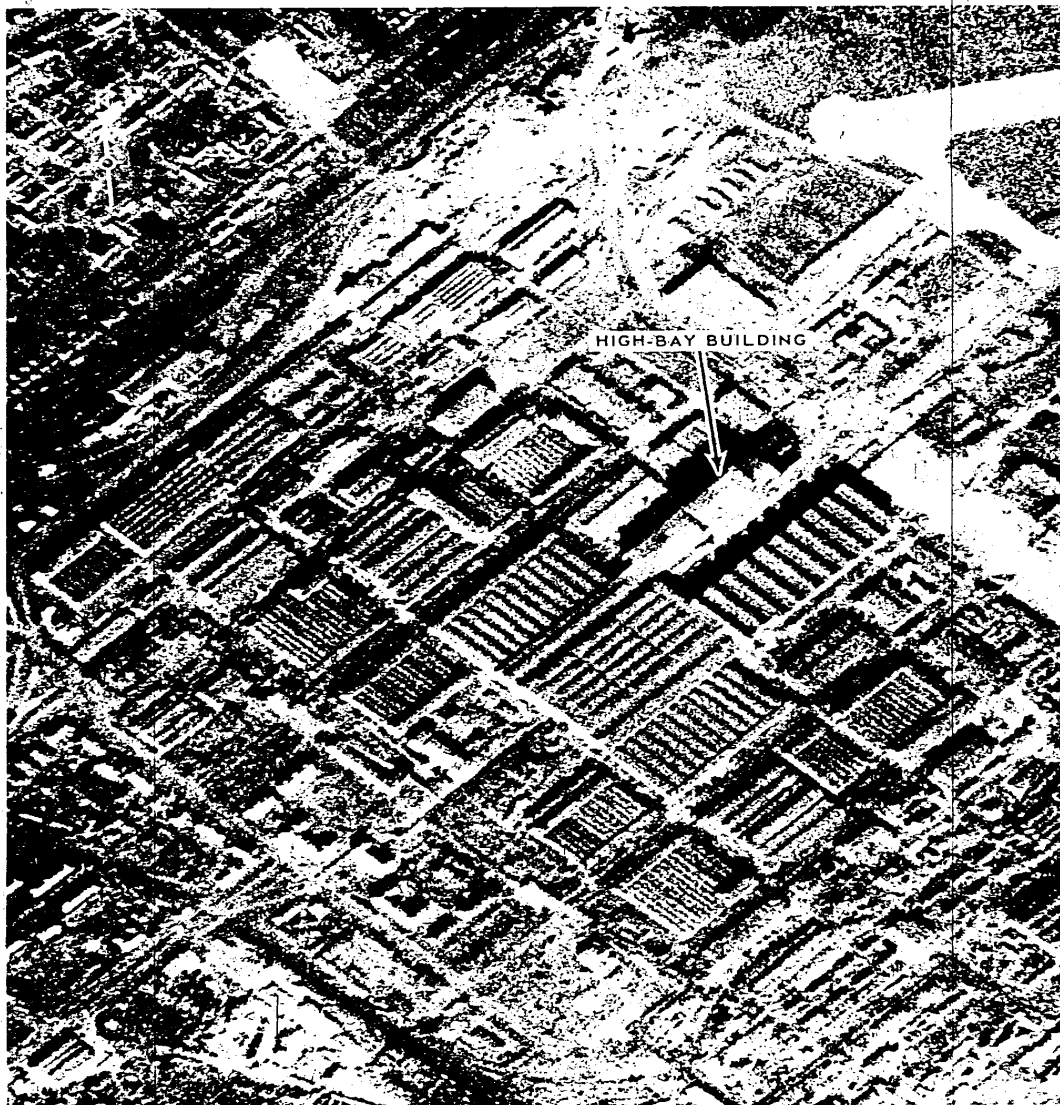
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ATTACHMENT 2



KUYBYSHEV AIRFRAME PLANT STALIN 1, USSR

NPIC J-4989 (10/64)

TOP SECRET CHESS RUFF

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